


## UNIEPAL-DREW AQUA COLOUR.

12/09/2023

<b>Name of the product:</b>	<b>UNIEPAL-DREW AQUA COLOUR</b> One-component, water-based fire protection varnish for wood and wood-based materials	
<b>Reference documents:</b>	<ul style="list-style-type: none"> <li>• European Technical Assessment ETA-18/0491 of 29/06/2018</li> <li>• Declaration of Performance No. DWU/17/2018</li> <li>• Certificate of Constancy of Performance</li> <li>• Guarantee period: 6 months from date of manufacture</li> </ul>	
<b>Use:</b>	<b>UNIEPAL-DREW AQUA COLOUR</b> is intended for use as a fire retardant product to improve the reaction to fire of wood or wood-based building products, excluding floors. Used for fire protection and decorative finishing of wooden surfaces made of domestic wood species (except exotic wood).	
<b>Classification of reaction to fire:</b>	Products coated with UNIEPAL-DREW AQUA KOLOR varnish in quantities of at least 200 g/m <sup>2</sup> have been classified for their reaction to fire as <b>non-flammable (B-s1,d0)</b> .	
<b>Degree of fire spread</b>	<p><b>For building elements excluding external walls when exposed to external fire.</b>          The classification applies to walls made of European wood with a minimum density of 450 kg/m<sup>3</sup> and a minimum thickness of 20 mm, treated with UNIEPAL-DREW AQUA KOLOR varnish. Consumption of 200 g/m<sup>2</sup> of varnish.          Degree of fire spread: non fire-spreading (NRO). Classification in accordance with PN-B-02867:2013-06.          The classification does not include exotic wood.</p> <p><b>For building elements excluding external walls when exposed to external fire.</b>          The classification applies to wooden or wood-based elements with a minimum thickness of 12 mm, protected by varnish UNIEPAL-DREW AQUA COLOUR.          Consumption of 200 g/m<sup>2</sup> of varnish.          Degree of fire spread: non-fire-spreading according to Technical Terms and Conditions (Journal of Laws of 2002 No. 75 item 690 - as amended) elements in class B-s1,d0 do not spread fire on the basis of classification in accordance with EN 13501-1.          The classification does not include exotic wood.</p>	
<b>Use category related to exposure to weather conditions</b>	<b>Type X</b> - all conditions: internal, partially exposed to external influences and factors (temperature, precipitation, humidity, UV radiation).	
<b>Substrate preparation:</b>	<ul style="list-style-type: none"> <li>• The substrate must be dry, free from grease, dirt, dust, wax, oil and other contaminants. Existing coatings must be completely removed.</li> <li>• UNIEPAL-DREW AQUA COLOUR should only be applied on</li> </ul>	

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	<p>bare wood surfaces. with a relative humidity not exceeding 20%.</p> <ul style="list-style-type: none"> <li>• Surfaces made of oak wood require an additional application of a nitrocellulose or alcoholic primer.</li> <li>• When dry, the varnish forms a transparent coat, changing the colour of the wood, according to the manufacturer's colour scheme.</li> </ul>
<b>Application:</b>	<ul style="list-style-type: none"> <li>• Apply the varnish at temperatures above 10°C.</li> <li>• Before starting the actual work, it is advisable to carry out a small-scale test in order to optimise the application parameters (performance, spreadability, drying time, etc.).</li> <li>• Apply the varnish to vertical and horizontal surfaces two or three times in a total quantity of at least 200 g/m<sup>2</sup>.</li> <li>• The interval between treatments depends on the ambient temperature and humidity.</li> <li>• At a temperature of 23°C (± 2) and relative humidity of 50% (± 5), the second coat can be applied after 6-8 hours, the third one after the previous coats have completely dried.</li> <li>• Immediately after the work is completed, spray tools or a brush should be thoroughly cleaned with water.</li> </ul>
<b>Other information, comments:</b>	<ul style="list-style-type: none"> <li>• Spreading rate: max. 4-5m<sup>2</sup>/l when completely varnished depending on the absorbency of the substrate.</li> <li>• Solubility: soluble in water.</li> <li>• When dry, it forms a coloured transparent coat, according to the manufacturer's colour scheme.</li> <li>• Surfaces coated with other varnishes may change the fire classification.</li> <li>• Full flame retardancy is achieved after a period of 48 hours after the varnish has completely dried.</li> <li>• Do not mix with other varnishes.</li> </ul>
<b>Technical condition:</b>	<ul style="list-style-type: none"> <li>• Coatings should be checked at least once every 12 months.</li> <li>• In the event of damage, cavities should be repaired.</li> </ul>
<b>Storage:</b>	Store and transport in original, sealed packaging, at the temperature: 5 - 30°C.
<b>Transport:</b>	It poses no danger during transport and requires no special handling.
<b>Manufacturing plant/Producer:</b>	Przedsiębiorstwo Produkcyjno-Handlowe [Trade-Production Enterprise] „ADW” Sp. z o.o. [Limited Liability Company] ul. Zbożowa 2, 43-175 Wry Tel. 32 218 71 85
<b>Available packages:</b>	2.5; 10 litres
<b>The document was drawn up on:</b>	12/09/2023

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